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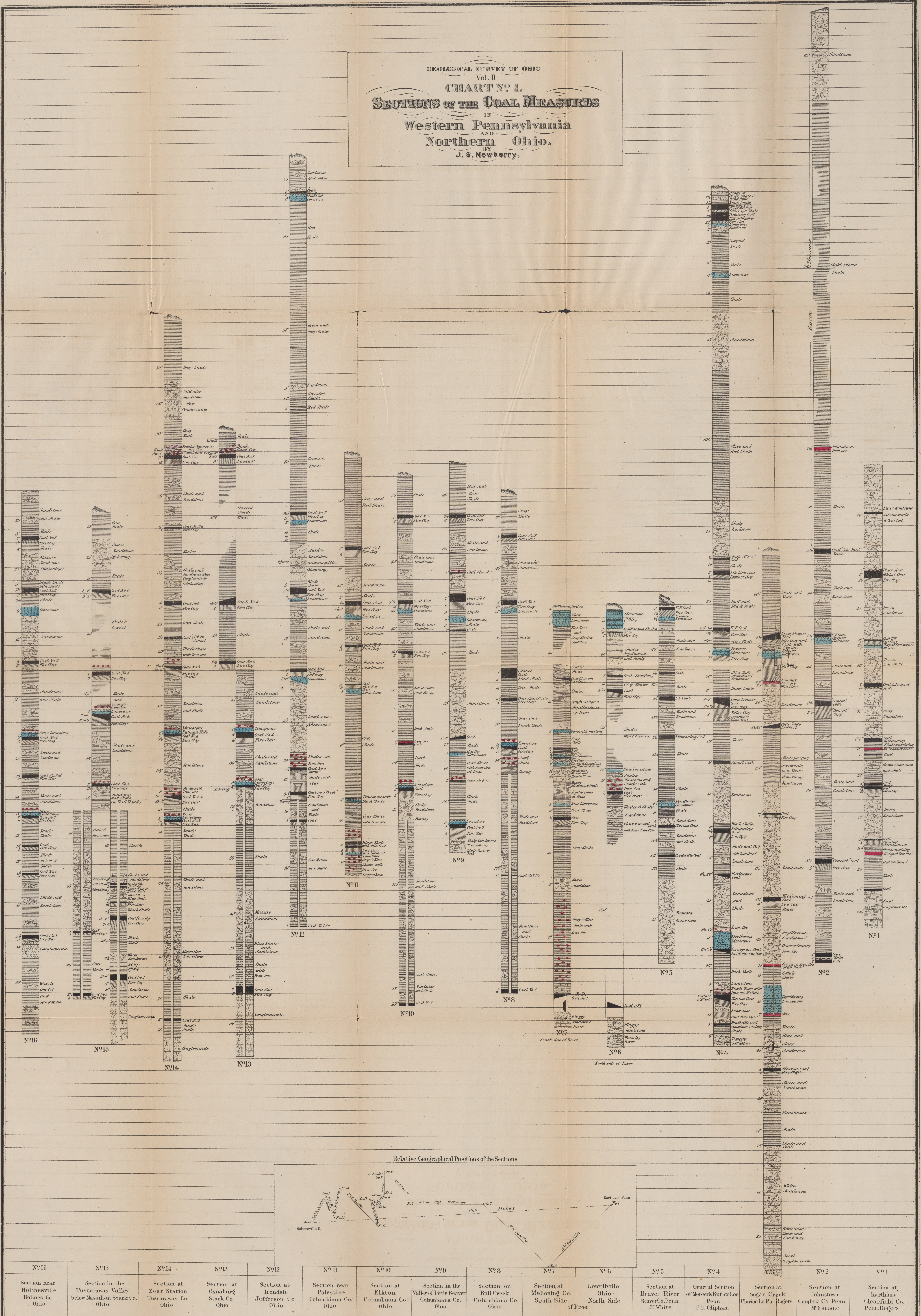
MAPS

GEOLOGICAL SURVEY OF OHIO,

VOL. II, 1874.

GEOLOGICAL SURVEY OF OHIO
Vol. II

CHART Nº 1.
SECTIONS OF THE COAL MEASURES
IN
Western Pennsylvania
AND
Northern Ohio.
BY
J. S. Newberry.



Relative Geographical Positions of the Sections

Nº16	Nº15	Nº14	Nº13	Nº12	Nº11	Nº10	Nº9	Nº8	Nº7	Nº6	Nº5	Nº4	Nº3	Nº2	Nº1
Section near Holmesville Holmes Co. Ohio.	Section in the Tuscarawas Valley below Massillon Stark Co. Ohio.	Section at Zoar Station Tuscarawas Co. Ohio	Section at Osnaburg Stark Co. Ohio	Section at Irondale Jefferson Co. Ohio.	Section near Palestine Columbiana Co. Ohio	Section at Elkton Columbiana Co. Ohio.	Section in the Valley of Little Beaver Columbiana Co. Ohio.	Section on Bull Creek Columbiana Co. Ohio.	Section at Mahoning Co. South Side of River	Lowellville Ohio North Side of River	Section at Beaver River Beaver Co. Penn. J.C. White.	General Section of Mercer & Butler Cos. Penn. F.H. Oliphant.	Section at Sugar Creek Clarion Co. Pa. Rogers	Section at Johnstown Cambria Co. Penn. McFarlane	Section at Karthaus Clearfield Co. Penn. Rogers.

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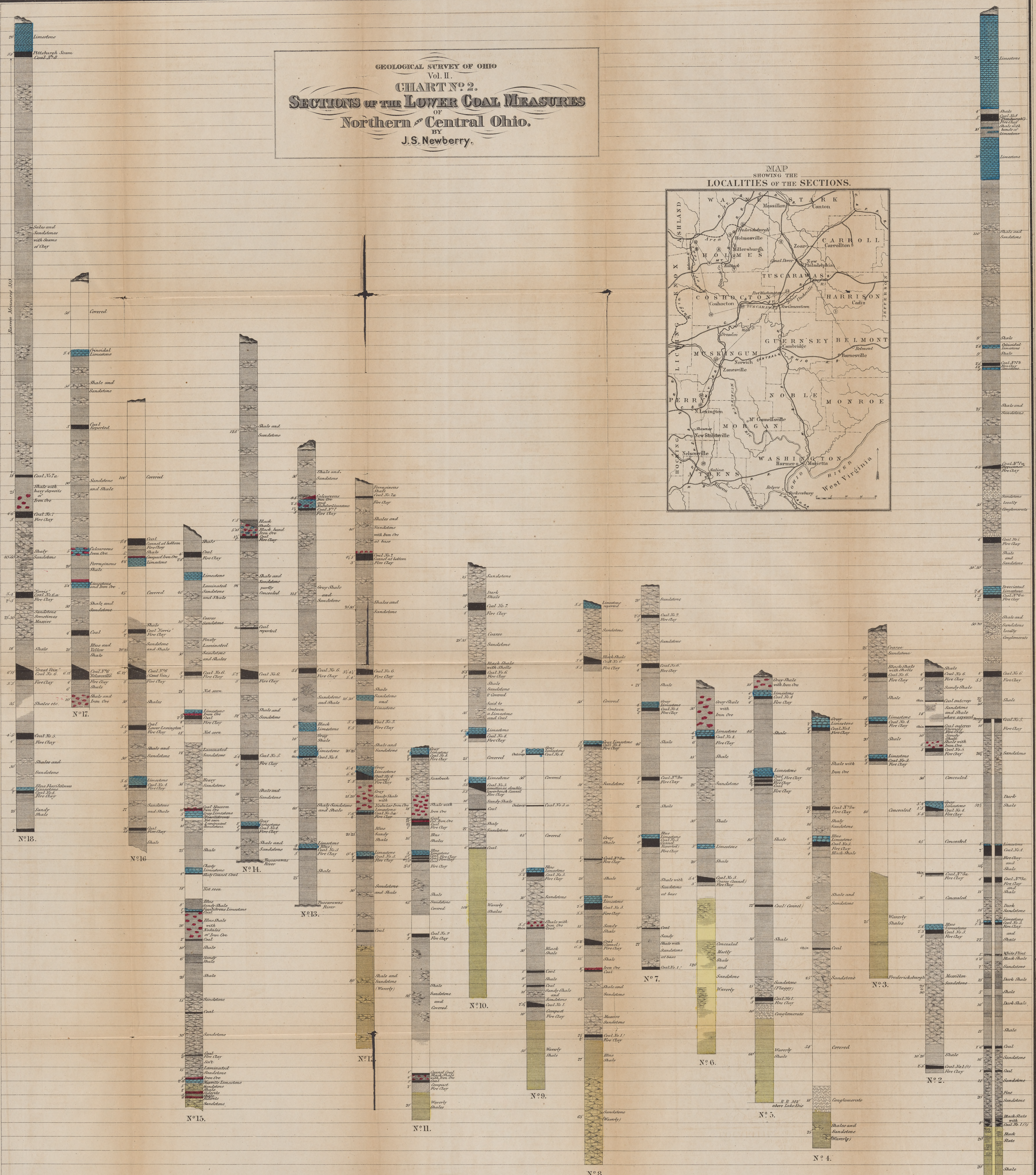
Vol. II.

CHART Nº 2.
SECTIONS OF THE LOWER COAL MEASURES OF Northern AND Central Ohio.

BY
J. S. Newberry.


MAP SHOWING THE LOCALITIES OF THE SECTIONS.

Nº 18.
Nº 17.
Nº 16.
Nº 15.
Nº 14.
Nº 13.
Nº 12.
Nº 11.
Nº 10.
Nº 9.
Nº 8.
Nº 7.
Nº 6.
Nº 5.
Nº 4.
Nº 3.
Nº 2.
Nº 1.
Barren Measures 310
Limestone
Pittsburgh Seam Coal Nº 8
Coal Nº 7a
Coal Nº 7
Coal Nº 6
Coal Nº 5
Coal Nº 4
Shale
Sandstone
Fire Clay
Covered
Waverly Shales
WAYNE
STARK
HOLMES
CARROLL
TUSCARAWAS
COSHOCTON
HARRISON
GUERNSEY
BELMONT
MUSKINGUM
NOBLE
MONROE
PERRY
MORGAN
WASHINGTON
ATHENS
Massillon
Canton
Millersburgh
New Philadelphia
Coshocton
Cambridge
Zanesville
Marietta
West Virginia

Nº 18.	Nº 17.	Nº 16.	Nº 15.	Nº 14.	Nº 13.	Nº 12.	Nº 11.	Nº 10.
General Section of Trimble & Ames Tps. Athens Co. M. C. Read.	Section on Snow Fork Perry Co. M. C. Read.	Section on Snow Fork Perry Co M. C. Read	General Section of the Lower Coal Measures Muskingum Co. E. B. Andrews.	Section at Port Washington Tuscarawas Co.	Section in Tuscarawas Township Coshocton Co	Section on Simmon's Run Coshocton Co.	Section in Knox Township Holmes Co.	Section in Knox Township N.W. part Holmes Co.

Nº 9.	Nº 8.	Nº 7.	Nº 6.	Nº 5	Nº 4.	Nº 3.	Nº 2.	Nº 1.
Section in Munroe Township Holmes Co.	Section at Hills West of Millersburgh Holmes Co.	Section in Mechanic Tp. Holmes Co.	Section at Millersburgh Holmes Co.	Section 3 Miles North of Millersburgh Holmes Co.	Section in Prairie Township Holmes Co.	Section at Fredericksburgh Wayne Co.	Section at Dundee and Sugar Creek Tuscarawas Co.	Section from Belmont to Urichsville on Stillwater

GEOLOGICAL SURVEY OF OHIO

Vol. II

CHART Nº 3.

SECTIONS OF THE COAL MEASURES

ON THE

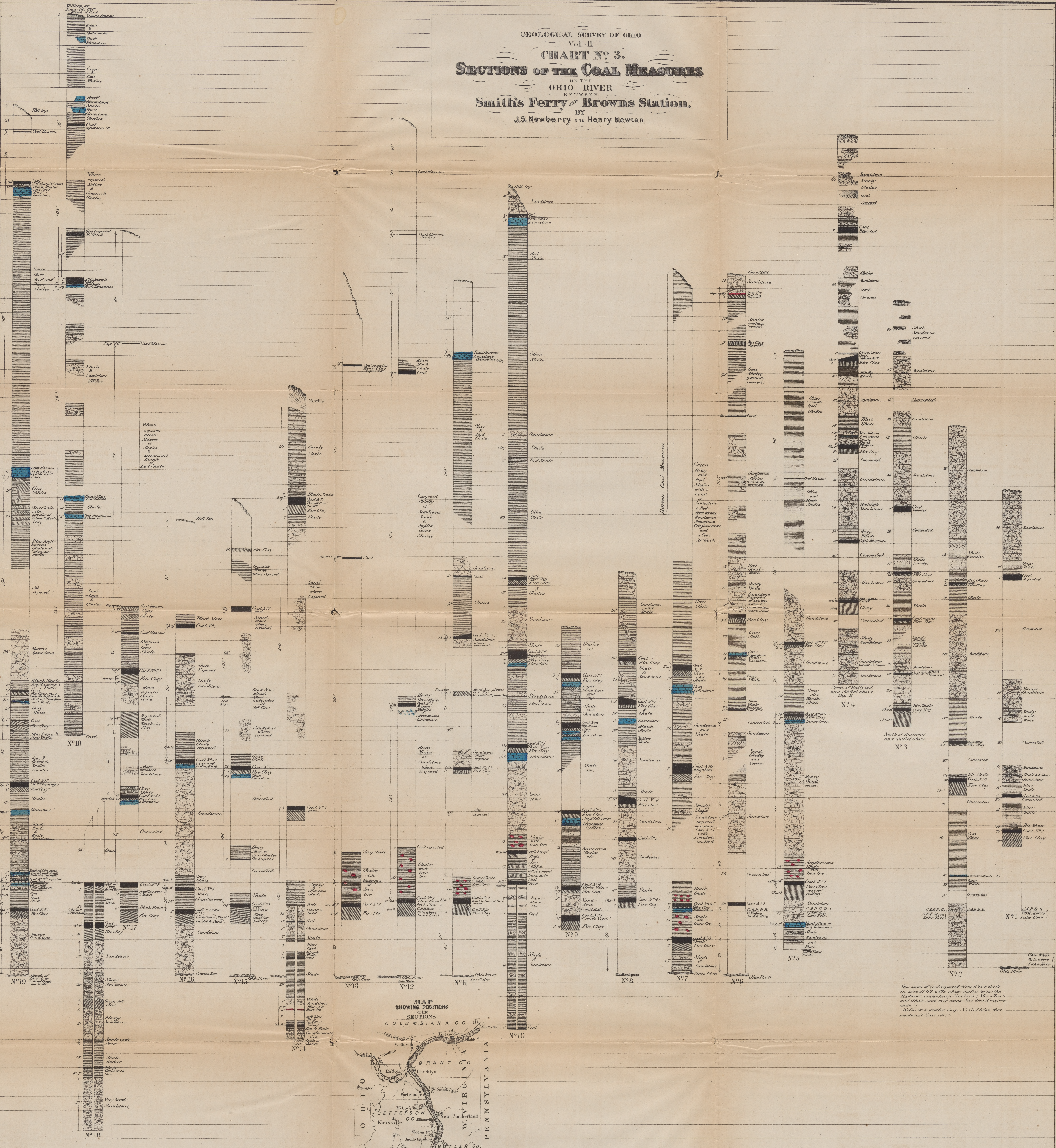
OHIO RIVER

BETWEEN

Smith's Ferry AND Browns Station.

BY

J.S. Newberry and Henry Newton



Nº 19	Nº 18	Nº 17	Nº 16	Nº 15	Nº 14	Nº 13	Nº 12	Nº 11	Nº 10	Nº 9	Nº 8	Nº 7	Nº 6	Nº 5	Nº 4	Nº 3	Nº 2	Nº 1
Section from the Ohio R. at Brown's Station to near Richmond Jefferson Co. Ohio.	Section from Knoxville due S. to Island Creek.	Section at Sloan's Station	Section at Croxon's Run ½ Mile North of Sloan's Station.	Section at Elliotsville Jefferson Co. Ohio.	Section at New Cumberland W. Va.	Section at Mc Coy's Station on the River.	Section at Mc Coy's Station and up the River 2 miles West.	Section near Port Homer 3 miles South of Yellow Creek on the Farm of Mr. Des Ellens	Section at Irondale.	Section at Collinwood.	Section at Tomlinson's Run W. Va.	Section at Linton West side.	Section at Wellsville.	Section on Little Yellow Creek near Wellsville.	Section at Ellison's Hill North of Liverpool.	Section at George & Morrison's Pottery East of Liverpool.	Section on Little Beaver Creek.	Section at Smith's Ferry Pa.

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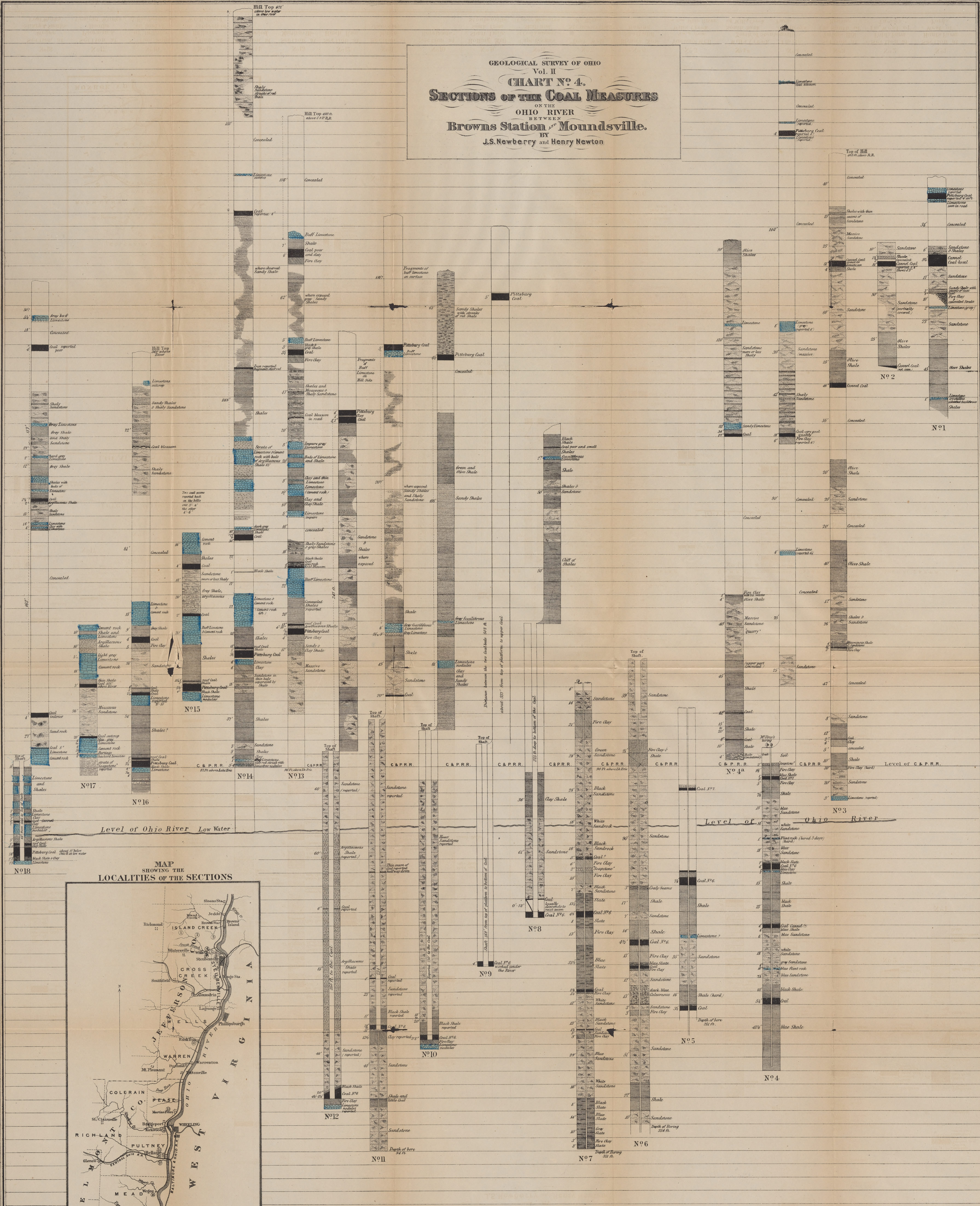
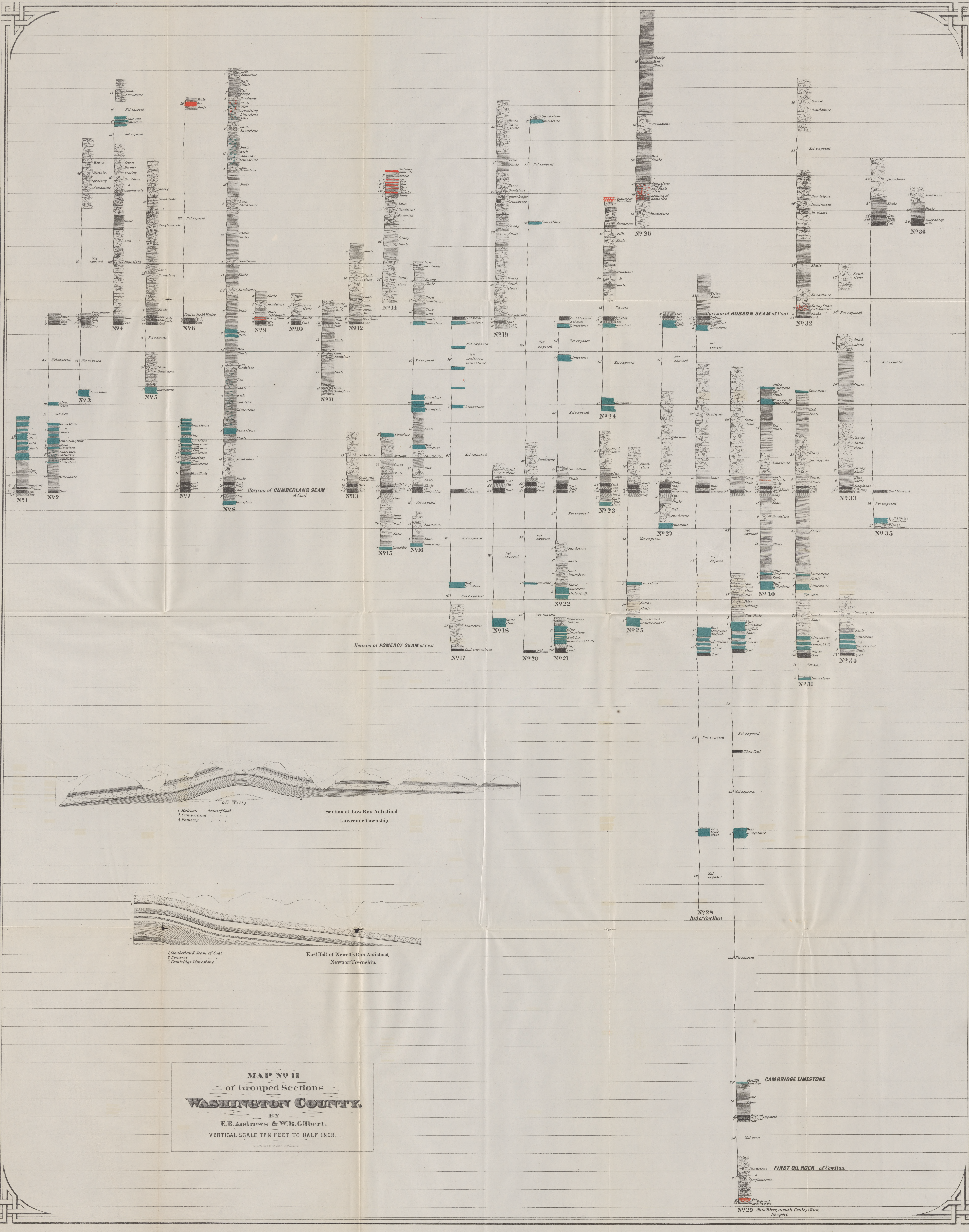
CHART Nº 4.
SECTIONS OF THE COAL MEASURES
ON THE
OHIO RIVER
BETWEEN
Browns Station AND Moundsville.
BY
J.S. Newberry and Henry Newton


Nº18
Nº17
Nº16
Nº15
Nº14
Nº13
Nº12
Nº11
Nº10
Nº9
Nº8
Nº7
Nº6
Nº5
Nº4ª
Nº4
Nº3
Nº2
Nº1
Level of Ohio River Low Water
Level of Ohio River
Level of C & P.R.R.
C & P.R.R.
Hill Top
Top of Shaft
Top of Hill
Pittsburg Coal
Limestone
Sandstone
Shale
Fire Clay
Concealed
Olive Shale
Cannel Coal
Depth of bore 94 ft.
Depth of Boring 351 ft.
Depth of Boring 354 ft.
MAP SHOWING THE LOCALITIES OF THE SECTIONS
ISLAND CREEK
CROSS CREEK
JEFFERSON
WELLS
WARREN
COLERAIN
PEASE
RICHLAND
PULTNEY
MEAD
YORK
BELMONT CO.
MONROE CO.
WEST VIRGINIA
Steubenville
Smithfield
Mt. Pleasant
Martins Ferry
Bridgeport
St. Clairsville
WHEELING
Bellaire
Glenco
Wegee
Moundsville
Philipsburgh
Warrenton
CENTRAL OHIO R.R.
BALTIMORE & OHIO R.R.
OHIO RIVER
0 1 2 3 4 5 Miles

Nº18	Nº17	Nº16	Nº15	Nº14	Nº13	Nº12	Nº11	Nº10	Nº9	Nº8	Nº7	Nº6	Nº5	Nº4ª	Nº4	Nº3	Nº2	Nº1
Section at Wegee Sharp & Smith's Coal Works.	Section at Poorman & Booths Cement Works	Section South of Bellaire on land of J. Heatherington	Section at Bellaire on property of W.G. Barnard.	Section at Kirkwood	Section at Martinsville	Section at Rush Run	Section at Mingo Junction.	Section at Borelands	Rolling Mill Shaft. 1 mile South from Steubenville	Capt. Blynn's (St. Coal & mining Co.) Shaft and Upper Measures.	Test Well at Steubenville Mr. Blynn.	Blynn's New Shaft and Boring	Yocum's Well ¼ m. S. from Will's Creek ½ m. from Ohio River	Will's Creek North of Steubenville South bank of Will's Creek	1 mile J. McIlroy's Farm	Section at Taylor's Hill ½ m. South of Browns	Section at Ford's Farm ¾ m. West of Taylor's	Section at Hunt's Farm West of Fords



No. 1
No. 2
No. 3
No. 4
No. 5
No. 6
No. 7
No. 8
No. 9
No. 10
No. 11
No. 12
No. 13
No. 14
No. 15
No. 16
No. 17
No. 18
No. 19
No. 20
No. 21
No. 22
No. 23
No. 24
No. 25
No. 26
No. 27
No. 28
Bed of Cow Run
No. 29
Ohio River, mouth Conley's Run, Newport.
No. 30
No. 31
No. 32
No. 33
No. 34
No. 35
No. 36
Horizon of HOBSON SEAM of Coal
Horizon of CUMBERLAND SEAM of Coal.
Horizon of POMEROY SEAM of Coal.
CAMBRIDGE LIMESTONE
FIRST OIL ROCK of Cow Run.
Coal in Sec. 24 Wesley
Oil Wells
1
2
3

1, Hobson Seam of Coal
2, Cumberland " " "
3, Pomeroy " " "

Section of Cow Run Anticlinal,
Lawrence Township.

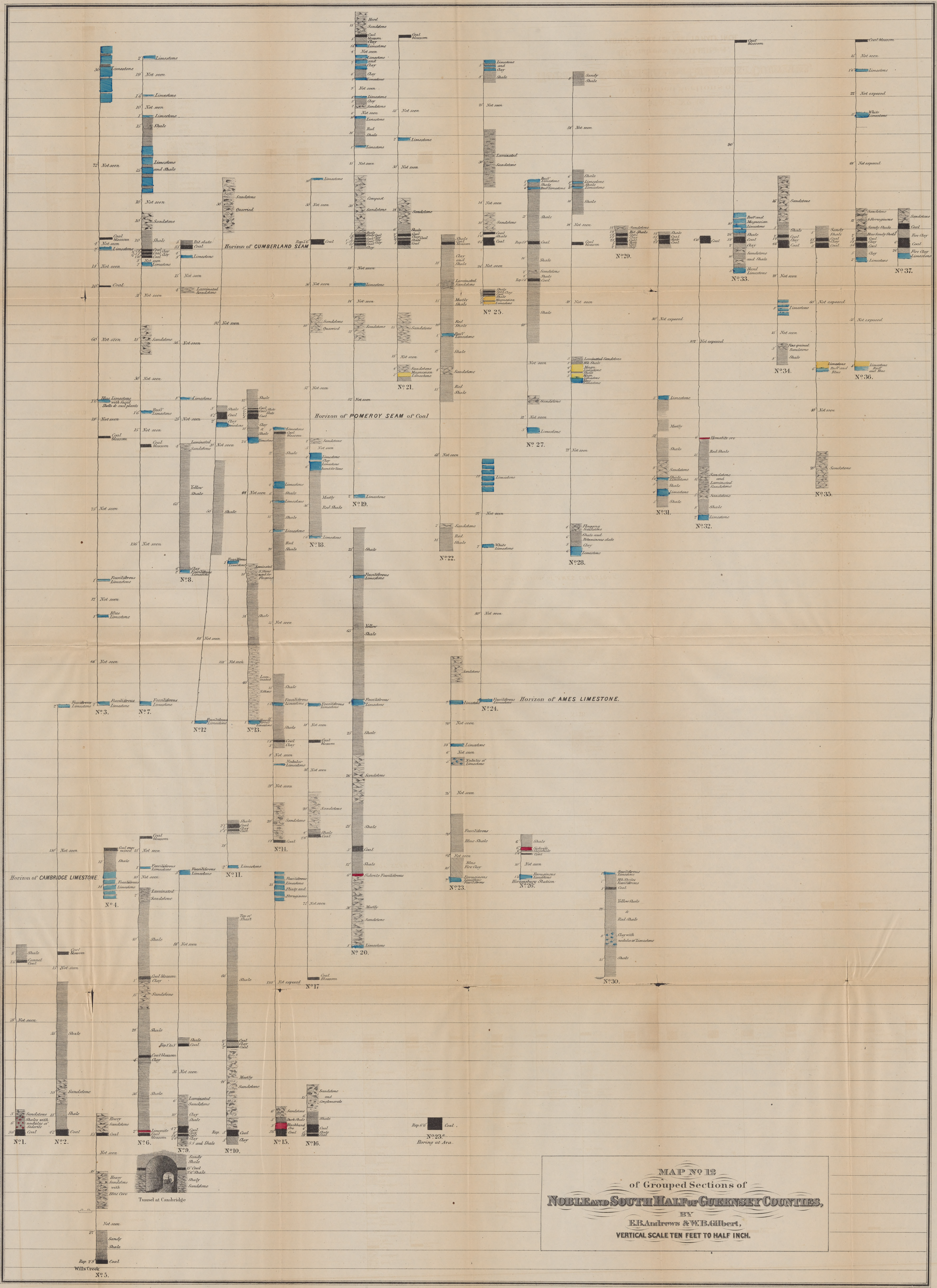
1, Cumberland Seam of Coal
2, Pomeroy " " "
3, Cambridge Limestone.

East Half of Newell's Run Anticlinal,
Newport Township.

MAP No. 11
of Grouped Sections
WASHINGTON COUNTY,
BY
E.B. Andrews & W.B. Gilbert.

VERTICAL SCALE TEN FEET TO HALF INCH.

Strobridge & Co. Lith. Cincinnati


Horizon of CUMBERLAND SEAM
Horizon of POMEROY SEAM of Coal
Horizon of AMES LIMESTONE.
Horizon of CAMBRIDGE LIMESTONE.
No. 1.
No. 2.
No. 3.
No. 4.
No. 5.
Wills Creek
No. 6.
Tunnel at Cambridge
No. 7.
No. 8.
No. 9.
No. 10.
No. 11.
No. 12
No. 13.
No. 14.
No. 15.
No. 16.
No. 17
No. 18.
No. 19.
No. 20.
No. 21.
No. 22.
No. 23.
No. 23a
Boring at Ava.
No. 24.
No. 25.
No. 26.
Hiramsburg Station.
No. 27.
No. 28.
No. 29.
No. 30.
No. 31.
No. 32.
No. 33.
No. 34.
No. 35.
No. 36.
No. 37.
Limestone
Shale
Sandstone
Coal
Not seen.
Not exposed.
Fossiliferous Limestone
Coal blossom
Red Shale
Clay

MAP No. 12

of Grouped Sections of

NOBLE AND SOUTH HALF OF GUERNSEY COUNTIES,

BY

E.B. Andrews & W.B. Gilbert,

VERTICAL SCALE TEN FEET TO HALF INCH.

MAP No 13.

of Grouped Sections of

MONROE COUNTY,

BY

E. B. Andrews & W. B. Gilbert,

VERTICAL SCALE TEN FEET TO HALF INCH.